

SEQUENCE LISTING

<110> Caplan, Michael J.

Bottomly H., Kim

Sosin B., Howard

Burks A., Wesley

Sampson A., Hugh

<120> Microbial Delivery System

<130> 2002834-0232

<140> To be Assigned

<141> 2003-12-04

<150> 60/195,035

<151> 2000-04-06

<150> 09/731,375

<151> 2000-12-06

<160> 3

<170> PatentIn Ver. 2.1

<210> 1

<211> 2032

<212> DNA

<213> Arachis hypogaea

<400> 1

aataatcata tatattcatc aatcatctat ataagtagta gcaggagcaa tgagagggag 60
ggtttctcca ctgatgctgt tgcttagggat ccttcctcg gcttcagttt ctgcaacgca 120
tgccaaagtca tcaccttacc agaagaaaac agagaacccc tgcgcccaga ggtgcctcca 180
gagttgtcaa caggaacctgg atgacttgaa gcaaaaggca tgcgagtctc gctgcaccaa 240
gctcgagttt gatcctcggtt gtgtcttatga tcctcgagga cacactggca ccaccaacca 300
acgttccccctt ccaggggagc ggacacgtgg ccgccaaccc ggagactacg atgatgaccg 360
ccgtcaaccc cgaagagagg aaggaggccg atggggacca gctggaccga gggagcgtga 420
aagagaagaa gactggagac aaccaagaga agattggagg cgaccaagtc atcagcagcc 480
acggaaaata aggcccgaag gaagagaagg agaacaagag tggggAACAC caggtagcca 540
tgtgagggaa gaaacatctc ggaacaaccc tttctacttc ccgtcaaggc ggtttagcac 600
ccgctacggg aaccaaaacg gtaggatccg ggtcctgcag aggtttgacc aaaggtcaag 660
gcagtttcag aatctccaga atcaccgtat tgtcagatc gaggccaaac ctaacactct 720
tggcttccc aagcacgctg atgctgataa catccttgcattt atccagcaag ggcaagccac 780
cgtgaccgta gcaaatggca ataacagaaa gagcttaat cttgacgagg gccatgcact 840
cagaatccca tccgggttca ttccctacat cttgaaccgc catgacaacc agaacctcag 900
agtagctaaa atctccatgc ccgttaacac acccggccag tttgaggatt tcttccggc 960
gagcagccga gaccaatcat cctacttgca gggcttcagc aggaataacgt tggaggccgc 1020

cttcaatgcg gaattcaatg agatacggag ggtgctgtta gaagagaatg caggaggtga 1080
gcaagaggag agagggcaga ggcgatggag tactcggagt agtgagaaca atgaaggagt 1140
gatagtcaaa gtgtcaaagg agcacgttga agaacttact aagcacgccta aatccgtctc 1200
aaagaaaaggc tccgaagaag agggagatat caccaaccca atcaacttga gagaaggcga 1260
gcccgtatctt tctaacaact ttgggaagtt atttgaggtg aagccagaca agaagaaccc 1320
ccagcttcag gacctggaca tgatgctcac ctgtgttagag atcaaagaag gagctttgat 1380
gctcccacac ttcaactcaa aggccatggt tatcgctcgtc gtcaacaaag gaactggaaa 1440
ccttgaactc gtggctgtaa gaaaagagca acaacagagg ggacggcggg aagaagagga 1500
ggacgaagac gaagaagagg agggaaagtaa cagagaggtg cgtaggtaca cagcggagtt 1560
gaaggaaggc gatgtgttca tcatgccagc agctcatcca gttagccatca acgcttcctc 1620
cgaactccat ctgcttggct tcggtatcaa cgctgaaaac aaccacagaa tcttccttgc 1680
agggtataag gacaatgtga tagaccagat agagaagcaa gcgaaggatt tagcattccc 1740
tgggtcggtt gaacaagttt agaagctcat caaaaaaccag aaggaatctc actttgtgag 1800
tgctcgtcct caatctcaat ctcaatctcc gtctgtccct gagaaagagt ctccctgagaa 1860
agaggatcaa gaggagggaaa accaaggagg gaagggtcca ctcccttcaa ttttgaaggc 1920
ttttaactga gaatggaggc aacttgttat gtatcgataa taagatcactg ctttgtact 1980
ctactatcca aaaacttatac aataaataaaa aacggttgtc cggttggctt cc 2032

<210> 2
<211> 717
<212> DNA
<213> Arachis hypogaea

<400> 2
gctcaccata ctagtagccc tcgcctttt ctcctcgct gcccacgcattt ctgcggggca 60
gcagtggaa ctccaaggag acagaagatg ccagagccag ctcgagaggg cgaacctgag 120
gccctgcgag caacatctca tgcagaagat ccaacgtgac gaggattcat atgaacggga 180
cccgtacagc cctagtcagg atccgtacag ccctagtcata tatgtatcgga gaggcgctgg 240
atccctctcag caccaagaga ggtgttgcaa tgagctgaac gagtttgaga acaaccaaag 300
gtgcattgtgc gaggcattgc aacagatcat ggagaaccag agcgataggt tgcaggggag 360
gcaacaggag caacagttca agagggagct caggaacttgc cctcaacagt gcggcccttag 420
ggcaccacag cggtgcact tggacgtcga aagtggcgcc agagacagat actaaacacc 480
tatctcaaaa aaagaaaaga aaagaaaaga aaatagcttataataagct attatctatg 540
gttatgttta gttttggtaa taataaagat catcaactata tgaatgtttt gatcggttta 600
actaaggcaa gcttaggtta tatgagcacc tttagagtgc ttatggcg ttgtctatgt 660
tttggctg cagagttgtt accatcttgc aataatataaa aaagatcatg ttttggttt 717

<210> 3
<211> 1524
<212> DNA
<213> Arachis hypogaea

<400> 3
cgccagcaac cgaggagaa cgctgtccag ttccagcgcc tcaatgcgca gagacctgac 60
aatcgcatgg aatcagaggg cggttacatt gagacttggaa accccaacaa ccaggagttc 120
aatgcgcggc gcgtcgccct ctctcgcttta gtcctccggcc gcaacgcctc tcgttaggcct 180

ttctactcca atgctccccca ggagatcttc atccagcaag gaaggggata ctttgggttg 240
atattccctg gttgtcctag acactatgaa gagcctcaca cacaaggctcg tcgatctcag 300
tcccaaagac caccaagacg tctccaagga gaagacaaa gccaacagca acgagatagt 360
caccagaagg tgcaccgtt cgatgagggt gatctcattg cagttcccac cggtgttgct 420
ttctggctct acaacgacca cgacactgat gttgttgctg tttctttac tgacaccaac 480
aacaacgaca accagcttga tcagttcccc aggagattca atttggctgg gaacacggag 540
caagagttct taaggtacca gcaacaaagc agacaaaagca gacgaagaag cttaccatat 600
agcccatataca gcccgc当地 caagaagagc gtgaatttag ccctcgagga 660
cagcacagcc gcagagaacg agcaggacaa gaagaagaaa acgaaggctgg aaacatctc 720
agcggcttca cgccggagtt ccttgaacaa gccttccagg ttgacgacag acagatagtg 780
caaaacctaa gaggcgagac cgagagtgaa gaagaggag ccattgtgac agtgggggaa 840
ggcctcagaa tcttgc当地 agatagaaag agacgtgccg acgaagaaga ggaatacgt 900
gaagatgaat atgaatacga tgaagaggat agaaggcgtg gcaggggaa cagaggcagg 960
gggaatggta ttgaagagac gatctgc当地 gcaagtgc当地 aaaagaacat tggtagaaac 1020
agatcccctg acatctacaa ccctcaagct gttcactca aaactgccaa cgatctcaac 1080
cttctaatac tttaggtggct tggacctgt gctgaatatg gaaatctcta caggaatgca 1140
ttgttgtc当地 ct当地tacataa caccacgca cacagcatca tatatcgatt gaggggacgg 1200
gctcacgtgc aagtgc当地 cagcaacggc aacagagtgt acgacgagga gcttcaagag 1260
ggtcacgtgc ttgtgggtcc acagaacttc gccgtcgctg gaaagtccca gagcgagaac 1320
ttcgaatacgt tggcattcaa gacagactca aggcccagca tagccaaacct cgccggtgaa 1380
aactccgtca tagataacct gccggaggag gtgggtgcaattcatatgg cctccaaagg 1440
gagcaggcaa ggcagctaa gaacaacaac cccttcaagt tcttcgttcc accgtctcag 1500
cagtctccga gggctgtggc tt当地 1524